

## Author Index

- Abbondanza, A.**, see Battelli, M.G. (86) 340
- Adam, H.**, see Bauer, H. (86) 317
- Adamson, S.L.**, see Tai, T.-C. (86) 7
- Adelson, P.D.**, Hovda, D.A., Villablanca, J.R. and Tatsukawa, K.  
Development of a crossed corticotectal pathway following cerebral hemispherectomy in cats: a quantitative study of the projecting neurons (86) 81
- Akiyama, K.**, see Ono, Y. (86) 1
- Arends, J.J.A.**, see Brown, K.E. (86) 335
- Baiardi, P.**, see Candura, S.M. (86) 134
- Baird, A.**, see Luo, L. (86) 24
- Bao, H.**, Bradley, R.M. and Mistretta, C.M.  
Development of intrinsic electrophysiological properties in neurons from the gustatory region of rat nucleus of solitary tract (86) 143
- Battelli, M.G.**, Buonamici, L., Abbondanza, A., Virgili, M., Contestabile, A. and Stirpe, F.  
Excitotoxic increase of xanthine dehydrogenase and xanthine oxidase in the rat olfactory cortex (86) 340
- Bauer, H.**, Sonnleitner, U., Lametschwandtner, A., Steiner, M., Adam, H. and Bauer, H.C.  
Ontogenetic expression of the erythroid-type glucose transporter (Glut 1) in the telencephalon of the mouse: correlation to the tightening of the blood-brain barrier (86) 317
- Bauer, H.C.**, see Bauer, H. (86) 317
- Beattie, M.S.**, see Crowe, M.J. (86) 155
- Beauvillain, J.C.**, see Mitchell, V. (86) 67
- Bertolotto, A.**, Manzardo, E., Iudicello, M., Guglielmone, R. and Riccio, A.  
Keratan sulphate is a marker of differentiation of ramified microglia (86) 233
- Bielarczyk, H.**, see Tian, X. (86) 268
- Black, I.B.**, see Schoups, A.A. (86) 326
- Blum, M.**, see Weickert, C.S. (86) 203
- Botchkina, G.I.** and Morin, L.P.  
Ontogeny of radial glia, astrocytes and vasoactive intestinal peptide immunoreactive neurons in hamster suprachiasmatic nucleus (86) 48
- Bourjaily, N.**, see Tian, X. (86) 268
- Bradley, R.M.**, see Bao, H. (86) 143
- Braun, K.**, see Hofmann, H. (86) 283
- Bresnahan, J.C.**, see Crowe, M.J. (86) 155
- Brown, K.E.**, Arends, J.J.A., Wasserstrom, S.P., Zantua, J.B., Jacquin, M.F. and Woolsey, T.A.
- Developmental transformation of dendritic arbors in mouse whisker thalamus (86) 335
- Brown, T.J.**, see Crowe, M.J. (86) 155
- Brunjes, P.C.**, see Klintsova, A.Y. (86) 114
- Buonamici, L.**, see Battelli, M.G. (86) 340
- Calderó, J.**, see Ciutat, D. (86) 167
- Candura, S.M.**, Tonini, M., Baiardi, P., Manzo, L. and Costa, L.G.  
Heterogeneity of cholinergic muscarinic receptors coupled to phosphoinositide metabolism in immature rat brain (86) 134
- Capriotti, C.**, see Yip, J.W. (86) 297
- Caston, J.**, Vasseur, F., Stelz, T., Chianale, C., Delhay-Bouchaud, N. and Mariani, J.  
Differential roles of cerebellar cortex and deep cerebellar nuclei in the learning of the equilibrium behavior: studies in intact and cerebellectomized lurcher mutant mice (86) 311
- Challis, J.R.G.**, see Matthews, S.G. (86) 259
- Chianale, C.**, see Caston, J. (86) 311
- Ciutat, D.**, Esquerda, J.E. and Calderó, J.  
Evidence for calcium regulation of spinal cord motoneuron death in the chick embryo *in vivo* (86) 167
- Contestabile, A.**, see Battelli, M.G. (86) 340
- Costa, L.G.**, see Candura, S.M. (86) 134
- Costa, L.G.**, see Tan, X.X. (86) 348
- Crowe, M.J.**, Brown, T.J., Bresnahan, J.C. and Beattie, M.S.  
Distribution of NADPH-diaphorase reactivity in the spinal cord of metamorphosing and adult *Xenopus laevis* (86) 155
- Del Bigio, M.R.** and Jacque, C.M.  
Localization of proteinase expression in the developing rabbit brain (86) 345
- Delhay-Bouchaud, N.**, see Caston, J. (86) 311
- Diaz, D.R.**, Fleming, D.E. and Rhee, R.W.  
The hormone-sensitive early postnatal periods for sexual differentiation of feminine behavior and luteinizing hormone secretion in male and female rats (86) 227
- Djuricic, B.**, see Paschen, W. (86) 359
- Dux, E.**, see Paschen, W. (86) 359
- Elliott, R.C.**, see Schoups, A.A. (86) 326
- Epelbaum, J.**, see Gardette, R. (86) 123
- Esquerda, J.E.**, see Ciutat, D. (86) 167
- Eustache, I.** and Gueritaud, J.P.  
Electrical properties of embryonic rat brain-stem motoneurons in organotypic slice culture (86) 187
- Faivre-Bauman, A.**, see Gardette, R. (86) 123
- Fleming, D.E.**, see Diaz, D.R. (86) 227
- Friedman, W.J.**, see Schoups, A.A. (86) 326
- Gaiarsa, J.-L.** and Heimrich, B.  
Restoration of mossy fiber projection in slice co-cultures of dislocated dentate gyrus and degranulated hippocampus (86) 250
- Gardette, R.**, Faivre-Bauman, A., Loudes, C., Kordon, C. and Epelbaum, J.  
Modulation by somatostatin of glutamate sensitivity during development of mouse hypothalamic neurons *in vitro* (86) 123
- Gueritaud, J.P.**, see Eustache, I. (86) 187
- Guglielmone, R.**, see Bertolotto, A. (86) 233
- Hahn, W.E.**, see Owens, G.P. (86) 35
- Hannigan, J.H.**, see Saunders, D.E. (86) 16
- Heimrich, B.**, see Gaiarsa, J.-L. (86) 250
- Hofmann, H.** and Braun, K.  
Slice cultures of the imprinting-relevant forebrain area MNH of the domestic chick: quantitative characterization of neuronal morphology (86) 283
- Hong, J.S.**, see Pennypacker, K.R. (86) 242
- Hovda, D.A.**, see Adelson, P.D. (86) 81
- Howard, B.D.**, see Wu, C.-f. (86) 217
- Hudson, P.M.**, see Pennypacker, K.R. (86) 242
- Inoue, Y.**, see Ono, Y. (86) 1
- Iudicello, M.**, see Bertolotto, A. (86) 233
- Jacque, C.M.**, see Del Bigio, M.R. (86) 345
- Jacquin, M.F.**, see Brown, K.E. (86) 335
- Kato, M.**, Mizuguchi, M. and Takashima, S.  
Developmental changes of heat shock protein 73 in human brain (86) 180
- Kawamura, K.**, see Kawano, H. (86) 101
- Kawano, H.**, Ohshima, K., Kawamura, K. and Nagatsu, I.  
Migration of dopaminergic neurons in the embryonic mesencephalon of mice (86) 101
- Klintsova, A.Y.**, Philpot, B.D. and Brunjes, P.C.  
Fos protein immunoreactivity in the developing olfactory bulbs of normal and naris-occluded rats (86) 114
- Kordon, C.**, see Gardette, R. (86) 123
- Lametschwandtner, A.**, see Bauer, H. (86) 317
- Lavialle, M.** and Servière, J.  
Developmental study in the circadian clock

- of the golden hamster: a putative role of astrocytes (86) 275
- Ling, J.J., Yu, J. and Robertson, R.T. Sustained inhibition of acetylcholinesterase activity does not disrupt early geniculocortical ingrowth to developing rat visual cortex (86) 354
- Loudes, C., see Gardette, R. (86) 123
- Luo, L., Moore, J.K., Baird, A. and Ryan, A.F. Expression of acidic FGF mRNA in rat auditory brainstem during postnatal maturation (86) 24
- Mahalik, T.J., see Owens, G.P. (86) 35
- Manzardo, E., see Bertolotto, A. (86) 233
- Manzo, L., see Candura, S.M. (86) 134
- Mariani, J., see Caston, J. (86) 311
- Matthews, S.G. and Challis, J.R.G. Developmental regulation of pre-proenkephalin mRNA in the ovine paraventricular nucleus: effects of stress and glucocorticoids (86) 259
- Mazzuca, M., see Mitchell, V. (86) 67
- McMillian, M.K., see Pennypacker, K.R. (86) 242
- Mistretta, C.M., see Bao, H. (86) 143
- Mitchell, V., Mazzuca, M. and Beauvillain, J.C. The fetal expression of Proenkephalin mRNAs and Met-enkephalin immunoreactivity in the hypothalamoseptal tract and adjacent hypothalamic areas of the guinea pig brain (86) 67
- Mizuguchi, M., see Kato, M. (86) 180
- Moore, J.K., see Luo, L. (86) 24
- Morin, L.P., see Botchkina, G.I. (86) 48
- Nagatsu, I., see Kawano, H. (86) 101
- Nobrega, J.N., see Tai, T.-C. (86) 7
- Ohmoto, T., see Ono, Y. (86) 1
- Ohyama, K., see Kawano, H. (86) 101
- Ono, Y., Watanabe, M., Inoue, Y., Ohmoto, T., Akiyama, K., Tsutsui, K. and Seki, S. Developmental expression of APEX nucleic acid, a multifunctional DNA repair enzyme, in mouse brains (86) 1
- Owens, G.P., Mahalik, T.J. and Hahn, W.E. Expression of the death-associated gene RP-8 in granule cell neurons undergoing postnatal cell death in the cerebellum of *weaver* mice (86) 35
- Paschen, W., Schmitt, J., Dux, E. and Djuricic, B. Temporal analysis of the upregulation of GluR5 mRNA editing with age: regional evaluation (86) 359
- Pennypacker, K.R., Hudson, P.M., Hong, J.S. and McMillian, M.K. DNA binding activity of CREB transcription factors during ontogeny of the central nervous system (86) 242
- Philpot, B.D., see Klintsova, A.Y. (86) 114
- Quon, R.F., see Wetts, R. (86) 57
- Rhees, R.W., see Diaz, D.R. (86) 227
- Riccio, A., see Bertolotto, A. (86) 233
- Robertson, R.T., see Ling, J.J. (86) 354
- Ryan, A.F., see Luo, L. (86) 24
- Saunders, D.E., Hannigan, J.H., Zajac, C.S. and Wappler, N.L. Reversal of alcohol's effects on neurite extension and on neuronal GAP43/B50, N-myc, and c-myc protein levels by retinoic acid (86) 16
- Schmitt, J., see Paschen, W. (86) 359
- Schoups, A.A., Elliott, R.C., Friedman, W.J. and Black, I.B. NGF and BDNF are differentially modulated by visual experience in the developing geniculocortical pathway (86) 326
- Seki, S., see Ono, Y. (86) 1
- Servière, J., see Lavialle, M. (86) 275
- Sonnleitner, U., see Bauer, H. (86) 317
- Spoerri, P.E., Srivastava, N. and Vernadakis, A. GABA attenuates the neurotoxic effects of ethanol in neuron-enriched cultures from 8-day-old chick embryo cerebral hemispheres (86) 94
- Srivastava, N., see Spoerri, P.E. (86) 94
- Steiner, M., see Bauer, H. (86) 317
- Stelz, T., see Caston, J. (86) 311
- Stirpe, F., see Battelli, M.G. (86) 340
- Suszkiw, J.B., see Tian, X. (86) 268
- Tai, T.-C., Tompa, J., Nobrega, J.N. and Adamson, S.L. Changes in regional cytochrome oxidase activity in the fetal, newborn and adult ovine brainstem (86) 7
- Takashima, S., see Kato, M. (86) 180
- Tan, X.X. and Costa, L.G. Postnatal development of muscarinic receptor-stimulated phosphoinositide metabolism in mouse cerebral cortex: sensitivity to ethanol (86) 348
- Tatsukawa, K., see Adelson, P.D. (86) 81
- Tian, X., Bourjeily, N., Bielarczyk, H. and Suszkiw, J.B. Reduced densities of sodium-dependent [<sup>3</sup>H] hemicholinium-3 binding sites in hippocampus of developmental rats following perinatal low-level lead exposure (86) 268
- Tompa, J., see Tai, T.-C. (86) 7
- Tonini, M., see Candura, S.M. (86) 134
- Tsutsui, K., see Ono, Y. (86) 1
- Vasseur, F., see Caston, J. (86) 311
- Vernadakis, A., see Spoerri, P.E. (86) 94
- Villablanca, J.R., see Adelson, P.D. (86) 81
- Virgili, M., see Battelli, M.G. (86) 340
- Wappler, N.L., see Saunders, D.E. (86) 16
- Wasserstrom, S.P., see Brown, K.E. (86) 335
- Watanabe, M., see Ono, Y. (86) 1
- Weickert, C.S. and Blum, M. Striatal TGF- $\alpha$ : postnatal developmental expression and evidence for a role in the proliferation of subependymal cells (86) 203
- Wetts, R. and Quon, R.F. Autonomous proliferation of neural precursors in the tadpole retina revealed after partial removal of the embryonic eyebud (86) 57
- Woolsey, T.A., see Brown, K.E. (86) 335
- Wu, C.-f. and Howard, B.D. K252a-potentiation of EGF-induced neurite outgrowth from PC12 cells is not mimicked or blocked by other protein kinase activators or inhibitors (86) 217
- Yip, J.W., Yip, Y.P. and Capriotti, C. The expression, origin and function of tenascin during peripheral nerve formation in the chick (86) 297
- Yip, Y.P., see Yip, J.W. (86) 297
- Yu, J., see Ling, J.J. (86) 354
- Zajac, C.S., see Saunders, D.E. (86) 16
- Zantua, J.B., see Brown, K.E. (86) 335

*(contents continued)*

- The hormone-sensitive early postnatal periods for sexual differentiation of feminine behavior and luteinizing hormone secretion in male rats  
 D.R. Diaz, D.E. Fleming and R.W. Rhees (USA)
- Keratan sulphate is a marker of differentiation of ramified microglia  
 A. Bertolotto, E. Manzardo, M. Iudicello, R. Guglielmone and A. Riccio (Italy)
- DNA binding activity of CREB transcription factors during ontogeny of the central nervous system  
 K.R. Pennypacker, P.M. Hudson, J.S. Hong and M.K. McMillian (USA)
- Restoration of mossy fiber projection in slice co-cultures of dislocated dentate gyrus and degranulated hippocampus  
 J.-L. Gaiarsa and B. Heimrich (France, Germany)
- Developmental regulation of preproenkephalin mRNA in the ovine paraventricular nucleus: effects of stress and glucocorticoids  
 S.G. Matthews and J.R.G. Challis (Canada)
- Reduced densities of sodium-dependent [<sup>3</sup>H] hemicholinium-3 binding sites in hippocampus of developmental rats following perinatal lead exposure  
 X. Tian, N. Bourjeily, H. Bielarczyk and J.B. Suszkiw (USA)
- Developmental study in the circadian clock of the golden hamster: a putative role of astrocytes  
 M. Lavialle and J. Servière (France)
- Slice cultures of the imprinting-relevant forebrain area MNH of the domestic chick: quantitative characterization of neuronal morphogenesis  
 H. Hofmann and K. Braun (Germany)
- The expression, origin and function of tenascin during peripheral nerve formation in the chick  
 J.W. Yip, Y.P. Yip and C. Capriotti (USA)
- Differential roles of cerebellar cortex and deep cerebellar nuclei in the learning of the equilibrium behavior: studies in intact and cerebellar lurcher mutant mice  
 J. Caston, F. Vasseur, T. Stelz, C. Chianale, N. Delhaye-Bouchaud and J. Mariani (France)
- Ontogenetic expression of the erythroid-type glucose transporter (Glut 1) in the telencephalon of the mouse: correlation to the tight blood-brain barrier  
 H. Bauer, U. Sonnleitner, A. Lametschwandtner, M. Steiner, H. Adam and H.C. Bauer (Austria)
- NGF and BDNF are differentially modulated by visual experience in the developing geniculocortical pathway  
 A.A. Schoups, R.C. Elliott, W.J. Friedman and I.B. Black (USA)

*Short communications*

- Developmental transformation of dendritic arbors in mouse whisker thalamus  
 K.E. Brown, J.J.A. Arends, S.P. Wasserstrom, J.B. Zantua, M.F. Jacquin and T.A. Woolsey (USA)
- Excitotoxic increase of xanthine dehydrogenase and xanthine oxidase in the rat olfactory cortex  
 M.G. Battelli, L. Buonamici, A. Abbondanza, M. Virgili, A. Contestabile and F. Stirpe (Italy)
- Localization of proteinase expression in the developing rabbit brain  
 M.R. Del Bigio and C.M. Jacque (France)
- Postnatal development of muscarinic receptor-stimulated phosphoinositide metabolism in mouse cerebral cortex: sensitivity to ethanol  
 X.X. Tan and L.G. Costa (USA, Italy)
- Sustained inhibition of acetylcholinesterase activity does not disrupt early geniculocortical ingrowth to developing rat visual cortex  
 J.J. Ling, J. Yu and R.T. Robertson (USA)
- Temporal analysis of the upregulation of GluR5 mRNA editing with age: regional evaluation  
 W. Paschen, J. Schmitt, E. Dux and B. Djuricic (Germany)

*Author Index**Contents continued*